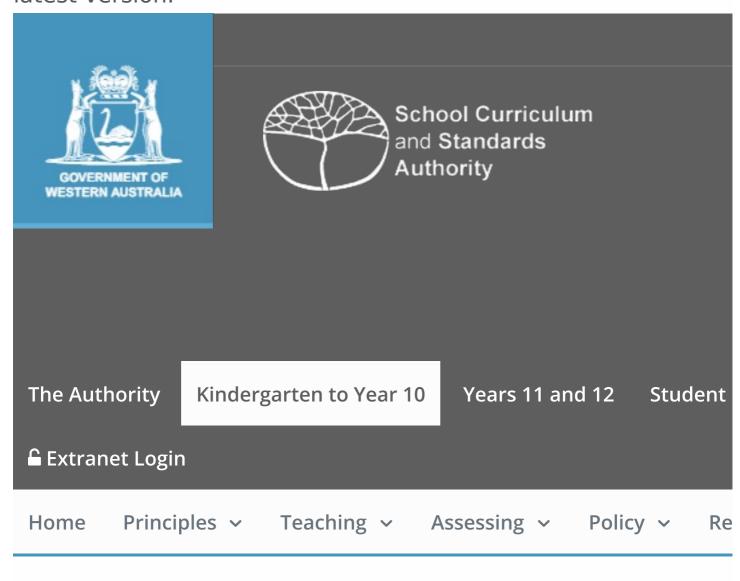
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# Year 10 SyllabusTest

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## **Year Level Description**

## **Filters**



## Show/Hide Curriculum

- ▼ Year level descriptors
- Content Descriptions
- Achievements Standards
- □ Icons

### Year Levels

□ Select All

#### **Strands**

- □ Select All
- **□** Science Inquiry Skills
- Science as a Human Endeavour
- Science Understanding

## **General Capabilities**

- □ Select All
- **□** Literacy
- □ Numeracy
- □ Information and Communication Technology (ICT) capability

## Year 10 Sylla

### **Year Level Descri**

The science inquiry across a two-year be expectations outlined science understand strands are address are interrelated and detail in which the exprograms are decis

## Incorporating the

In the Year 10 curri microscopic and ma the biological, chen such as the theorie

Students develop the within the periodic applying physical laliving, physical and scale and this enab these systems.

## Science Understanding

- Critical and creative thinking
- Personal and social capability
- **□** Ethical understanding
- Intercultural understanding

#### **BIOLOGICAL SCIENCES**

Transmission of her characteristics from generation to the n involves DNA and g (ACSSU184)

The theory of evoluby natural selection explains the diversiliving things and is supported by a range scientific evidence (ACSSU185)

#### **CHEMICAL SCIENCES**

The atomic structure properties of eleme are used to organis them in the Periodic Table (ACSSU186)

Different types of chemical reactions used to produce a r of products and car occur at different ra(ACSSU187)

#### **EARTH AND SPACE SCIE**

The universe conta features including galaxies, stars and systems, and the B Bang theory can be to explain the origin the universe (ACSS

Global systems, including the carbo cycle, rely on interactions involving biosphere, lithosphere and atmosphere (ACSSI)

#### **PHYSICAL SCIENCES**

Energy conservations system can be exployed by describing energy transfers and transformations (ACSSU190)

The motion of objection be described as

predicted using the of physics (ACSSU2

Year 10 Achieve

**Science Understa** 

At Standard, studer to make predictions reactions are used influence the rate cand acceleration to concept of energy within systems. Stubetween Earth's spexplain the origin of the processes that

#### Science as a Hum

Students analyse h

## **Science Inquiry S**

Students develop q appropriate method reliability, safety, for data, selecting evid of uncertainty. They sources with refere arguments and selections

The science inquiry skills and science as a human endeavour st schools and teachers refer to the expectations outlined in the a understanding strand for the relevant year level to ensure that three strands of the curriculum are interrelated and their conte the content descriptions are organised into teaching and learni

## Incorporating the key ideas of science

In the Year 10 curriculum students explore systems at different explain phenomena. Students explore the biological, chemical, the theories of natural selection and the Big Bang.

Students develop their understanding of atomic theory to unde that motion and forces are related by applying physical laws. The physical and chemical world that are applied to systems on a local changes will affect equilibrium within these systems.

**Principles** 

<u>Teaching</u>

<u>Assessing</u>

**Policy** 

Resources



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